

In the Abstract

Please amend the abstract as follows:

A method and device for regulating the composition of a solution(s) in the production of cellulosic mouldings. The device comprises multiple measuring devices for the measurement of non-optical properties of the solution. According to invention, by measuring the non-optical properties of the solutions and comparison of the measured value with a preset value, the composition(s) of the solution(s) can be controlled. Process for the regulation of the composition of solution(s) for the manufacture of cellulosic mouldings, in which (a) cellulose pulp in a water containing aminoxide are mixed under formation of a suspension;

b) a cellulose solution is formed from the suspension under the evaporation of water;

(c) the cellulose solution is extruded through an air gap into an precipitation bath, which contains an aqueous aminoxide solution, and there coagulates to form mouldings;

(d) the form mouldings are conducted through an aqueous washing solution in which remaining aminoxide is washed out from the mouldings;

(e) leads aqueous aminoxide solution from stage (c) and/or (d) after concentration back to stage (a), in this a property of the solutions is measured and according to the measured value the composition of the solutions is regulated, characterized in that, that a non-optical property or physical behaviour of at least one of the said solutions is measured and the deviation(s) from the measured value respectively values from a given reference value is used for the regulation of the composition(s) of this solutions. The process allows a precise monitoring of the composition of the extrusion solution.

A method and device for regulating the composition of a solution(s) in the production of cellulosic mouldings. The device comprises multiple measuring devices for the measurement of non-optical properties of the solution. According to invention, by measuring the non-optical properties of the solutions and comparison of the measured value with a preset value, the composition(s) of the solution(s) can be controlled.

Respectfully submitted,



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